

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-312534

(43)Date of publication of application : 04.11.1992

(51)Int.Cl.

A61K 47/42
A61K 7/00
A61K 9/107
A61K 35/36
A61K 37/12
C08H 1/06

(21)Application number : 03-103176

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(22)Date of filing : 08.04.1991

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(54) FINE FEATHER POWDER AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To produce the subject material suitable as a base for pharmaceuticals and cosmetics by using a keratin substance.

CONSTITUTION: Feather is immersed in an alcoholic solvent, ground in a mortar with a rotary pestle and pulverized with a ball mill to obtain fine feather powder. As necessary, the surface of the fine powder is subjected to myristylation, sulfonation and/or succinylation to obtain fine feather powder having modified surface. Fine feather powder can be produced in high yield with extremely low energy consumption. The fine feather powder produced by this process has various merits such as extremely excellent dispersibility in water, spreadability on the skin and excellent water-repellency when applied to the skin.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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